

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A portable electronic device, (1) ~~arranged to be brought into a contact with an individual's skin when being used by said individual~~, said device comprising:
a first contact surface (6) arranged to be brought into contact with a head of an individual during usage of the device; and
a second contact surface (6') arranged to contact skin on a hand of the individual, wherein the first contact surface comprises a first electrode (8) and the second contact surface comprises a second electrode (8'), said first electrode being electrically isolated from said second electrode; and
~~the device further comprising means a measuring component for measuring an electrical signal (10) from said first electrode and said second electrode during the usage of said device, said electrical signal being representative of a physiological condition of said individual.~~
2. (Currently amended) The [[A]] device according to claim 1, wherein said device further comprises analysis means (20) a sensor signal interpretation unit arranged to perform an analysis of said electrical signal (M) in order to derive a health-related parameter (15).
3. (Currently amended) The [[A]] device according to claim 2, wherein said device further comprises a user interface (18) connectable to said sensor signal interpretation unit analysis means (20), said user interface being arranged to present said health-related parameter to the individual.
4. (Currently amended) The [[A]] device according to claim 3, wherein said device further comprises a transmission component means (16) arranged to forward said health-related parameter to a remotely arranged unit.

5. (Currently amended) The [[A]] device according to claim 1, wherein said device is arranged to measure an electrical signal generated by cardiac activity.

6. (Currently amended) The [[A]] device according to claim 5, wherein said device is an electric shaver (25), the first contact surface (26) comprising a front surface of a shaving head (26a, 26b, 26c), the second contact surface (28) comprising a grip portion (28) of the shaver.

7. (Currently amended) The [[A]] device according to claim 5, wherein said device is an electric shaver (25) comprising a plurality of shaving heads (26a, 26b, 26c), the first contact surface comprising a first electrode (26a), the second contact surface comprising a second electrode (26b), the electrical shaver further comprising a grip portion (28), said portion being arranged to comprise a further electrode (29) conceived to provide a reference signal.

8. (Currently amended) The [[A]] device according to claim 5, wherein said device is an electric toothbrush (40), the first contact surface comprising a brush head (41), the second contact surface comprising a grip portion (42) of the toothbrush.

9. (Currently amended) The [[A]] device according to claim 5, wherein said device is a telephone handset (50), the first contact surface comprising a housing area (51) of the telephone handset, said area being arranged in a direct vicinity of an earpiece (53), the second contact surface comprising a grip portion (52) of the telephone handset (50).

10. (Currently amended) The [[A]] device according to claim 9, wherein said telephone handset is a mobile telephone handset (50), the first contact surface comprising a keypad (51), the second contact surface comprising a grip portion (52) of the mobile telephone handset.

11. (Currently amended) The [[A]] device according to claim 5, wherein said device comprises an earphone and a body unit, the first contact surface being arranged on the earphone, the second contact surface being arranged on the body unit.

12. (Currently amended) A health management system arranged to monitor a physiological condition of an individual, said system comprising:

[[[-]]] a portable electronic device sensing means (65) arranged to detect a signal representative of said condition[[,]];

[[[-]]] a sensor signal interpretation unit analysis means (66) arranged to analyze said signal in order to derive a health-related parameter (66)[[,]];

[[[-]]] a transmission component means (64') actuatable arranged to actuated by said analysis means, said transmission means being arranged to forward said parameter to a remotely arranged medical care provider (62'), said provider being arranged to process said parameter in order to derive a health condition of said individual[[,]]; wherein

[[[-]]] said sensing means (65) comprise a portable electronic device arranged to be brought into a contact with an individual's skin when being used by said individual, said device comprising a first contact surface arranged to be brought into contact with a head of an individual during usage of the device and a second contact surface arranged to contact skin of a hand of the individual, wherein the first contact surface comprises a first electrode and the second contact surface comprises a second electrode, said first electrode being electrically isolated from said second electrode; the device further comprising means a measuring component for measuring an electrical signal from said first electrode and said second electrode during the usage of said device, said electrical signal being representative of a physiological condition of said individual.

13. (Currently amended) [[A]] The health management system according to claim 12, wherein the transmission component means is arranged for transmitting said parameter by means of a wireless signal to a base unit arranged to enable a connection to the medical care provider by means of a communication network.

14. (Currently amended) [[A]] The health management system according to claim 12, wherein the device further comprises a user interface actuatable arranged to be actuated by the

sensor signal interpretation unit analysis means, said user interface being arranged to present said parameter to the individual.

15. (New) The health management system according to claim 12, wherein said device is arranged to measure an electrical signal generated by cardiac activity.

16. (New) The health management system according to claim 12, wherein said device is an electric shaver, the first contact surface comprising a front surface of a shaving head, the second contact surface comprising a grip portion of the shaver.

17. (New) The health management system according to claim 12, wherein said device is an electric shaver comprising a plurality of shaving heads, the first contact surface comprising a first electrode, the second contact surface comprising a second electrode, the electrical shaver further comprising a grip portion, said portion being arranged to comprise a further electrode conceived to provide a reference signal.

18. (New) The health management system according to claim 12, wherein said device is an electric toothbrush, the first contact surface comprising a brush head, the second contact surface comprising a grip portion of the toothbrush.

19. (New) The health management system according to claim 12, wherein said device is a telephone handset, the first contact surface comprising a housing area of the telephone handset, said area being arranged in a direct vicinity of an earpiece, the second contact surface comprising a grip portion of the telephone handset.

20. (New) The health management system according to claim 19, wherein said telephone handset is a mobile telephone handset, the first contact surface comprising a keypad, the second contact surface comprising a grip portion of the mobile telephone handset.